

Amendments to the Specification

Please amend the specification as follows:

Please substitute Tables III and IV on the following pages for Tables III and IV on pages 46-47 of the specification.

Table III – Priming of Core-specific CTLs in Rhesus macaques.

Week	E:T Ratio	Percent Specific Lysis ^a							
		DV037 (Core-ISCMS)		BB230 (Core+LTK63)		BB232 (VVC/E1)		DV036 (VVC/E1)	
		Core pool 4 (aa: 121-170)	Core pool 2 ^u (aa: 41-98)	Core Pool 2 ^u (aa: 41-98)	Core pool 4 (aa: 121-170)	Core pool 4 (aa: 121-170)	Core pool 3 (aa: 81-130)	Core pool 3 (aa: 81-130)	Core pool 3 (aa: 81-130)
		Hm ^b	Hl ^b	Hm ^b	Hl ^b	Hm ^b	Hl ^b	Hm ^b	Hl ^b
0 (pre)	40:1	<1	<1	11	<1	9	<1	8	12
	13:1	10	<1	<1	<1	7	<1	<1	4
	4:1	2	<1	<1	<1	7	<1	<1	<1
2 (2w post 1 st)	40:1	NT	NT	NT	NT	44 ^c	<1	24 ^d	5
	13:1	NT	NT	NT	NT	25	<1	15	<1
	4:1	NT	NT	NT	NT	13	<1	6	<1
6 (2w post 2 nd)	40:1	20	<1	17	6	N/A	N/A	N/A	N/A
	13:1	10	<1	<1	13	N/A	N/A	N/A	N/A
	4:1	5	<1	<1	10	N/A	N/A	N/A	N/A
10 (2w post 3 rd)	40:1	20	<1	49	9	N/A	N/A	N/A	N/A
	13:1	12	<1	23	<1	N/A	N/A	N/A	N/A
	4:1	<1	<1	14	<1	N/A	N/A	N/A	N/A
14 (6w post 3 rd)	40:1	30 ^c	5	40	30	N/A	N/A	N/A	N/A
	13:1	16	<1	14	15	N/A	N/A	N/A	N/A
	4:1	12	<1	9	10	N/A	N/A	N/A	N/A
29 (2w post 4 th)	40:1	50	2	17	<1	N/A	N/A	N/A	N/A
	13:1	35	3	<1	<1	N/A	N/A	N/A	N/A
	4:1	28	2	<1	<1	N/A	N/A	N/A	N/A

NT: Not Tested; N/A: Not applicable.

^a Percent Specific Lysis is only shown for animals with detectable CTL activity and for the peptide pools against which such CTL activity was detected.^b CT- activity of CD8+ T cells restimulated *in vitro* with a peptide pool (1 through 5) was tested against autologous B-LCLs sensitised with the same peptide^c pool (Hm) or an irrelevant peptide pool (Hl).^d The epitopic peptide recognised is aa: 121-135 (KVIDFTTGGFADLMG). ^e The epitopic peptide recognised is aa: 86-100 (VGNEGGGWAGWLLSP).

Table IV – Priming of Core-specific CD8+ and CT4+ in Rhesus macaques immunized with core-ISCOMs.

Week	E:T Ratio	Animal #15860				Animal #15861				Animal #15862				Animal #15863				Animal #15864			
		CD8 resp. (%)		CD4+ resp. (SI) ^a		CD8 resp. (%)		CD4+ resp. (SI) ^a		CD8 resp. (%)		CD4+ resp. (SI) ^a		CD8 resp. (%)		CD4+ resp. (SI) ^a		CD8 resp. (%)		CD4+ resp. (SI) ^a	
		Lysis) ^b		Core pool B (aa: 61-140)		Lysis) ^b		Core pool B (aa: 61-140)		Lysis) ^b		Core pool B (aa: 61-140)		Lysis) ^b		Core pool B (aa: 61-140)		Lysis) ^b		Core pool B (aa: 61-140)	
		Hm	Ht	Hm	Ht	Hm	Ht	Hm	Ht	Hm	Ht	Hm	Ht	Hm	Ht	Hm	Ht	Hm	Ht	Hm	Ht
0 (pre)	40:1	8	13			4	1			14	14			11	5			13	3		
	13:1	2	11	1.7		<1	<1	0.4		6	8	0.9		<1	4	1.2		<1	13	0.8	
	4:1	2	5			<1	<1			3	<1			1	3			<1	<1		
6 (2w post 2 nd)	40:1	8	3			7	<1			31 ^c	8			34 ^c	9			42 ^d	18		
	13:1	<1	2	5.5		<1	<1	1.9		16	6	5.0		16	6	3.5		20	4	3.8	
	4:1	<1	<1			<1	<1			4	<1			8	1			12	3		
10 (2w post 3 rd)	40:1	<1	3			13	13			31	5			29	1			79	10		
	13:1	<1	12	7.1		5	7	4.5		14	4	2.1 ^e		17	<1	1.1 ^e		60	11	8.8	
	4:1	<1	<1			<1	2			6	<1			8	<1			33	11		

^a CTL activity of CD8+ T cells restimulated *in vitro* with a peptide pool (A through C) was tested against autologous B-LCLs sensitized with the same peptide pool (Hm) or an irrelevant peptide pool (Ht). Percent Specific Lysis is only shown for pool B since no CTL activity was detected in any animals for pool A (aa: 1-70) or pool C (aa: 131-191).

^b CD4+ response was determined by lymphoproliferation assay as described in Materials and Methods. A stimulation index (SI) of 3.0 or greater was scored positive.

^c epitope recognised was aa: 121-130 (KVIDTLTGGFADLMG);

^d epitope recognised was aa: 86-100 (VGNESGGWAGWLLSP)*

^e High proliferation to *E. coli* control.